

Author index of volume 45 (1998)

(The issue number is given in front of the page number)

Abad, A., A. Elipe, J. Palacián and J.F. San-Juan, ATESAT: A symbolic processor for artificial satellite theory (5-6) 497-510

Aggoune, W., *see* **Verriest, E.I.** (3-4) 257-267

Akers, R.L., P. Baffes, E. Kant, C. Randall, S. Steinberg and R.L. Young, Automatic synthesis of numerical codes for solving partial differential equations (1-2) 3-22

Anaya, G.F., *see* **Trejo Qrtiz, A.A.R.** (1-2) 59-71

Arino, O. and **V.R. Nosov**, On stability of a class of neutral type functional differential equations (3-4) 299-307

Baffes, P., *see* **Akers, R.L.** (1-2) 3-22

Baker, C.T.H. and **A. Tang**, Stability of grazing systems with infinite delays (3-4) 309-317

Beretta, E., V. Kolmanovskii and L. Shaikhet, Stability of epidemic model with time delays influenced by stochastic perturbations (3-4) 269-277

Blinkov, Y.A., *see* **Gerdt, V.P.** (5-6) 519-542

Blinkov, Y.A., *see* **Gerdt, V.P.** (5-6) 543-560

Böhm, J., Dimensional Analysis with DERIVE (1-2) 197-205

Brethé, D. and **J.J. Loiseau**, An effective algorithm for finite spectrum assignment of single-input systems with delays (3-4) 339-348

Bruno, A.D., Normal forms (5-6) 413-427

Bruno, A.D., Newton polyhedra and power transformations (5-6) 429-443

Calmet, J. and **W.M. Seiler**, Computer algebra and field theories (1-2) 33-37

Calmet, J., Computer algebra and artificial intelligence (1-2) 73-82

Carra'Ferro, G., Triangular matrices, differential resultants and systems of linear homogeneous PDE's (5-6) 511-518

Castaño, B., *see* **Llovet, J.** (1-2) 39-57

Conte, G., A.M. Perdon and A. Lombardo, Dynamic feedback decoupling problem for delay-differential systems via systems over rings (3-4) 235-244

Dambrine, M., *see* **Goubet-Bartholoméüs, A.** (3-4) 245-256

Dambrine, M., *see* **Tchangani, A.P.** (3-4) 291-298

Dion, J.-M., *see* **Li, H.** (3-4) 349-358

Dugard, L., *see* **Li, H.** (3-4) 349-358

Ednér, V.F., A symbolic approximation of periodic solutions of the Henon-Heiles system by the normal form method (5-6) 445-463

Elipe, A., *see* **Abad, A.** (5-6) 497-510

Evans, D.J., *see* **Searles, D.J.** (1-2) 147-162

Fliess, M., *see* **Hotzel, R.** (3-4) 385-395

Gemmi, M., *see* **Todesco, E.** (5-6) 485-496

Gerdt, V.P. and **Y.A. Blinkov**, Involutive bases of polynomial ideals (5-6) 519-542
Gerdt, V.P. and **Y.A. Blinkov**, Minimal involutive bases (5-6) 543-560
Giovannozzi, M., *see* **Todesco, E.** (5-6) 485-496
González-López, M.J., *see* **Recio, T.** (1-2) 185-195
Goodall, D.P., Stability criteria for feedback-controlled, imperfectly known, bilinear systems with time-varying delay (3-4) 279-289
Goubet-Bartholoméüs, A., **M. Dambrine** and **J.P. Richard**, Delay-dependent stability domains of nonlinear delay systems (3-4) 245-256
Hashiguchi, H., *see* **Nakagawa, S.** (1-2) 23-32
Hotzel, R. and **M. Fliess**, On linear systems with a fractional derivation: Introductory theory and examples (3-4) 385-395
Isbister, D.J., *see* **Searles, D.J.** (1-2) 147-162
Kant, E., *see* **Akers, R.L.** (1-2) 3-22
Kim, A.V. and **V.G. Pimenov**, Multistep numerical methods for functional differential equations (3-4) 377-384
Kolmanovskii, V., *see* **Beretta, E.** (3-4) 269-277
Kolmanovskii, V.B. and **J.-P. Richard**, Some new trends in the study of time-delay systems (3-4) 219-221
Kubo, T. and **E. Shimemura**, Exponential stabilization of systems with time-delay by optimal memoryless feedback (3-4) 319-328
Lafay, J.F., *see* **Picard, P.** (3-4) 223-233
Laita, L.M., *see* **Roanes-Lozano, E.** (1-2) 83-99
Laita, L.M., *see* **Roanes-Lozano, E.** (1-2) 175-183
Li, H., **S.-I. Niculescu**, **L. Dugard** and **J.-M. Dion**, Robust guaranteed cost control of uncertain linear time-delay systems using dynamic output feedback (3-4) 349-358
Llovet, J., **B. Castaño** and **R. Martínez**, Computing the characteristic polynomial of multivariate polynomial matrices given by straight-line programs (1-2) 39-57
Loiseau, J.J., *see* **Brethé, D.** (3-4) 339-348
Lombardo, A., *see* **Conte, G.** (3-4) 235-244
Martínez, R., *see* **Llovet, J.** (1-2) 39-57
Montes, A., Algebraic solution of the load-flow problem for a 4-nodes electrical network (1-2) 163-174
Mounier, H., Stabilization of a class of linear delay systems (3-4) 329-338
Nakagawa, S., **N. Niki** and **H. Hashiguchi**, Computer algebra application to the distribution of sample correlation coefficient (1-2) 23-32
Niculescu, S.-I., *see* **Li, H.** (3-4) 349-358
Niki, N., *see* **Nakagawa, S.** (1-2) 23-32
Nosov, V.R., *see* **Arino, O.** (3-4) 299-307
Palacián, J., *see* **Abad, A.** (5-6) 497-510
Perdon, A.M., *see* **Conte, G.** (3-4) 235-244
Picard, P., **O. Sename** and **J.F. Lafay**, Weak controllability and controllability indices for linear neutral systems (3-4) 223-233
Pimenov, V.G., *see* **Kim, A.V.** (3-4) 377-384
Randall, C., *see* **Akers, R.L.** (1-2) 3-22
Recio, T. and **M.J. González-López**, Does computer algebra help at all learning about real numbers? (1-2) 185-195
Richard, J.-P., *see* **Kolmanovskii, V.B.** (3-4) 219-221
Richard, J.P., *see* **Goubet-Bartholoméüs, A.** (3-4) 245-256
Richard, J.P., *see* **Tchangani, A.P.** (3-4) 291-298

Roanes-Lozano, E., L.M. Laita and E. Roanes-Macías, A polynomial model for multi-valued logics with a touch of algebraic geometry and computer algebra (1-2) 83-99

Roanes-Lozano, E. and L.M. Laita, An applicable topology-independent model for railway interlocking systems (1-2) 175-183

Roanes-Macías, E., *see* **Roanes-Lozano, E.** (1-2) 83-99

Rodkina, A., On rate control of n -link manipulator robot (3-4) 359-364

Sadov, S., Functions that determine stability of rational rotations of a near symmetric satellite (5-6) 465-484

San-Juan, J.F., *see* **Abad, A.** (5-6) 497-510

Searles, D.J., D.J. Isbister and D.J. Evans, Non-equilibrium molecular dynamics integrators using Maple (1-2) 147-162

Seiler, W.M., *see* **Calmet, J.** (1-2) 33-37

Seiler, W.M., Numerical analysis of constrained Hamiltonian systems and the formal theory of differential equations (5-6) 561-576

Sename, O., *see* **Picard, P.** (3-4) 223-233

Shaikh, L., *see* **Beretta, E.** (3-4) 269-277

Shimemura, E., *see* **Kubo, T.** (3-4) 319-328

Steinberg, S., *see* **Akers, R.L.** (1-2) 3-22

Takahashi, K. and K. Watanabe, 3 Disk mixed sensitivity problem of time-delay systems (3-4) 365-376

Tang, A., *see* **Baker, C.T.H.** (3-4) 309-317

Taylor, R., Thermodynamics with Maple. I - Symbolic computation (1-2) 101-119

Taylor, R., Thermodynamics with Maple. II - Numerical and graphical applications (1-2) 121-146

Tchangani, A.P., M. Dambrine and J.P. Richard, Stability, attraction domains, and ultimate boundedness for nonlinear neutral systems (3-4) 291-298

Todesco, E., M. Gemmi and M. Giovannozzi, Evaluation of nonlinear resonances in 4D symplectic mappings (5-6) 485-496

Trejo Qrtiz, A.A.R. and G.F. Anaya, Regular expression simplification (1-2) 59-71

Verriest, E.I. and W. Aggoune, Stability of nonlinear differential delay systems (3-4) 257-267

Watanabe, K., *see* **Takahashi, K.** (3-4) 365-376

Young, R.L., *see* **Akers, R.L.** (1-2) 3-22

